



(microcapsule OR microparticle) AND (replace

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[D Abbott](#)

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[A Farmer](#)

[M Hedley](#)

Assessment of self-healing polymer technology for utility overhead applications - group of 3 »

BS Bernstein - *Electrical Insulation Magazine*, IEEE, 2006 - ieeexplore.ieee.org
... crack tip propagates and approaches the **microcapsule**, which then rup ... in Nature [2],
an epoxy **polymer** was mentioned ... a) develop- ment of a **self-repair** system that ...
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SELF-HEALING POLYMER COMPOSITIONS

A Skipor - US Patent 7,108,914 - Google Patents
... Dry et al., "Passive smart **self-repair** in **polymer** ... it causes product failure, which
creates **replacement** costs ... has been attached to the **microcapsule** according to ...
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Electrical cable with self-repairing protection - group of 3 »

S Belli, L Caimi, C Bosisio, A Bareggi, L Balconi, ... - US Patent 6,664,476, 2003 - Google Patents
... which is capable of solidifying rapidly once the **microcapsule** has beenbroken. ... 1A,
an expanded **polymer** layer (5) as described above, placed ... 20 **repair** the damage ...
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Development and Evaluation of Sensor Concepts for Ageless Aerospace Vehicles - group of 2 »

D Abbott, B Doyle, J Dunlop, A Farmer, M Hedley, J ... - Report, 2001 - techreports.larc.nasa.gov
... consider the implications of **self-healing** materials for ... possible scenarios for damage
detection and **repair**. ... regeneration cannot be simple **replacement**: it must ...
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[J Sollecito](#)

[L Grzyll](#)

[J Short](#)

[Adsorption cooling device and method for hazardous materials suits](#) - group of 2 »

CF Parrish, RP Scaringe - US Patent 5,289,695, 1994 - Google Patents
Attorney, Agent, or Firm—Evenson, McKeown, Edwards & Lenahan [57] ABSTRACT
Arelatively lightweight cooling device and method utilizing adsorption of ...
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[Cooling device and method for hazardous materials suits](#) - group of 2 »

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[Innovation adsorption heating and cooling device for micro-climate applications](#) - group of 2 »

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[75] Inventors: Bernard E. Douda, Bloomfield; Clyde F. Parrish, Terre Haute;
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As an alternative to magnetic propulsion for launch assist, the authors propose
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It is the intent of the work described in the report to illustrate a process which readily lends itself to an irradiation curing process, viz., the production of ...

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